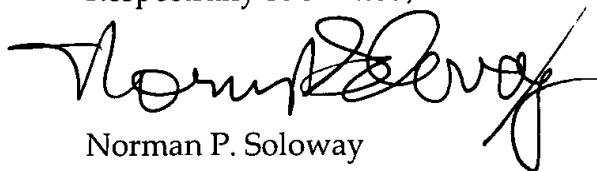


REMARKS

The claims have been revised to eliminate multiple dependencies and new claims have been added to further scope the invention. Pursuant to 37 CFR 1.121, a marked copy of the amended claims showing the changes made therein accompanies this amendment. No new matter is believed entered by any of the foregoing amendments.

The filing fees have been calculated based on the claims as amended. In the event there are any fee deficiencies or additional fees are payable, please charge them (or credit any overpayment) to our Deposit Account No. 08-1391.

Respectfully submitted,



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MARKED COPY OF AMENDED CLAIMS

In re Appln. of Masaki YAMAMOTO

DOCKET: SHIG 19990241

1002240-ET106960

Marked Version of Claims Showing Changes Made:

3. (Amended) An optical element according to claim 1 [or 2], wherein the optical element is used for soft X-rays, and the multilayer film is formed of molybdenum layers and silicon layers.

6. (Amended) An optical element according to claim 4 [or 5], wherein the optical element is used for soft X-rays, and the correction film uses one of molybdenum, ruthenium, rhodium, and beryllium or a combination thereof.

10. (Amended) An optical element forming method according to claim 8 [or 9], wherein cutting-away of the multilayer film is controlled by detecting a difference between a plurality of materials that forms the multilayer film.

12. (Amended) A microscope using an optical element according to [any of claims 1 to 7] claim 1.

13. (Amended) An exposure apparatus using an optical element according to [any of claims 1 to 7] claim 1.

14. (Amended) A telescope using an optical element according to [any of claims 1 to 7] claim 1.

15. (Amended) A microprobe using an optical element according to [any of claims 1 to 7] claim 1.

16. (Amended) An analyzer using an optical element according to [any of claims 1 to 7] claim 1.

17. (Amended) A laser oscillator using an optical element according to [any of claims 1 to 7] claim 1.

18. (Amended) A Fabry-Perot interferometer using an optical element according to [any of claims 1 to 7] claim 1.

19. (Amended) A ring laser gyro apparatus using an optical element according to [any of claims 1 to 7] claim 1.